

L 60411-65

2

ACCESSION NR: AP5010390

results are shown in Fig. 1 of the Enclosure. The sound pulses were chosen of such magnitude and duration that no electroluminescence was produced in the absence of the main exciting field. The results show that short pulses (0.1 μ sec), which cause no electroluminescence in the absence of the exciting field, do exert a strong influence on the glow of the luminor excited by the main field. It is assumed that these pulses do not affect the processes connected with the trapping levels, and act only on the free carriers (at the p-n junctions in the grains of the phosphor). Only preliminary results are reported in this note. A detailed description of the results and their interpretation will be presented in a following paper. The authors thank K.-S. K. Rebane and E. E. Tal'viste for a discussion of the results and for supplying the condensator samples. Original article has:
2 figures

ASSOCIATION: None**SUBMITTED:** 24Aug64

ENCL: 01

SUB CODE: OP

NR REF SOV: 002

OTHER: 009

Card 2/3

L 60411-65

ACCESSION NR: AF5010390

ENCLOSURE: 01

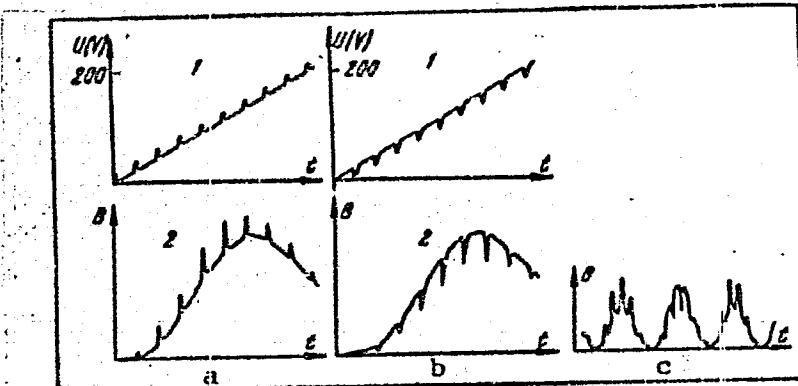


Fig. 1. Effect of short sounding pulses of like (a), and opposite (b) polarity with excited voltage on the electroluminescence yield (1 - voltage waveform, 2 - brightness waveform), and effect of short sounding pulses on the electroluminescence excited by a sinusoidal voltage (c).

Card

dm
3/3

L 34868-65 ENT(1) IJP(c)
ACCESSION NR: AP5005056

8/0051/65/013/002/0341/0343

26
24
23

AUTHOR: Vasil'chenko, V. P.; Uybo, L. Ya.

21

TITLE: On the equivalent circuit of the electroluminescent capacitor

SOURCE: Optika i spektroskopiya, v. 18, no. 2, 1965, 341-343

TOPIC TAGS: electroluminescence, electroluminescent capacitor, equivalent circuit, np-junction

ABSTRACT: In view of the fact that most papers dealing with the electroluminescent capacitor fail to take account of its nonlinear characteristics, the authors, after showing that such a capacitor is really an RC network, have investigated the voltage-current characteristics of a capacitor in which the phosphor was Zn-Cu-Cl and the dielectric was epoxy resin or epoxy lacquer. The applied voltage ranged up to 200 V at frequencies from 20 to 5000 cps. Figure 1 of the Enclosure shows several of the voltage-current characteristics and both a simplified and a complete equivalent circuit of the capacitor, which can be used for circuit analysis involving this element. The complete equivalent circuit takes into account the pos-

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L 34868-65

ACCESSION NR: AP5005056

2

sible role played by n-p junctions in the electroluminescence mechanism. The use of the equivalent circuit can explain many phenomena involving the electroluminescent capacitor. "The authors thank K. S. K. Rebane and E. K. Tel'viste for continuous interest in the work and for discussion of the results, and also for supplying the capacitor samples." Orig. art. has: 3 figures.

ASSOCIATION: None

SUBMITTED: 03Apr64

ENCL: 01

SUB CODE: OP, EC

NR REF Sov: 005

OTHER: 002

Card 2/3

L 34868-65

ACCESSION NR: AP5005056

EXCLOSURE: 01

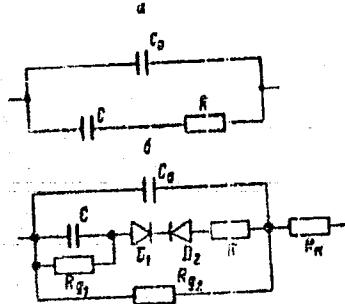
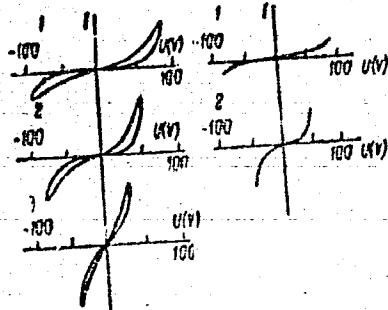


Fig. 1. Volt-ampere characteristics (left) and equivalent circuit (right)
of electroluminescent capacitor

Card 3/3

L 1995-66 EWT(l)/EWT(m)/EWP(t)/EWP(b)/EWA(h) IJP(c) JD
ACCESSION NR: A15013692 UR/2613/64/000/030/0078/0087

AUTHOR: Vasil'chenko, V. P.; Uybo, L. Ya.

48

42

8+1

TITLE: The electroluminescent capacitor as an electric circuit element

SOURCE: AN EstSSR. Institut fiziki i astronomii. Trudy, no. 30, 1964. Issledovaniya po lyuminesentsii (Research on luminescence), 78-87

TOPIC TAGS: luminor, zinc sulfide optic material, electroluminescence, electroluminescent capacitor, electric circuit analysis

ABSTRACT: The purpose of the investigation was to study the electric characteristics of the electroluminescent capacitors and to construct from the resultant data a more accurate equivalent circuit of this capacitor. To this end, the authors considered the dependence of the glow of the electroluminescent capacitor (brightness waves) on the exciting current and on the voltage. The luminor used was ZnS-Cu,Cl,Al, which produces green glow, and the dielectric was epoxy resin ED-5 or the epoxy lacquer EP-096. The electroluminescence was excited with a ZG-2A audio generator in the range from 200 to 5000 cps, at voltages up to 200 V. A schematic diagram of the test circuit and the simplest equivalent circuits of the capacitor are shown in Fig. 1 of the Enclosure. Criteria for the cancellation of the capacitive component of the currents through the capacitor are established. An examination

Card 1/4

L 1995-66

ACCESSION NR: AT5013692

6

tion of the voltage-ampere characteristic confirms the presence of np junctions in the grains of the electroluminor. It is concluded from the results that a more accurate description of the electric characteristics of the electroluminescent capacitor can be obtained by the equivalent circuit shown in Fig. 2 of the Enclosure. The relative values of the circuit elements are briefly discussed. "The authors thank K.-S. K. Rebans and E. K. Tal'vists for a discussion of the results and for supplying the capacitor samples." Orig. art. has: 7 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 01Oct64

ENCL: 02

SUB CODE: OP

NR REF Sov: 005

OTHER: 005

Card 2/4

L 1995-66

ACCESSION NR: AT5013692

ENCLOSURE: 01

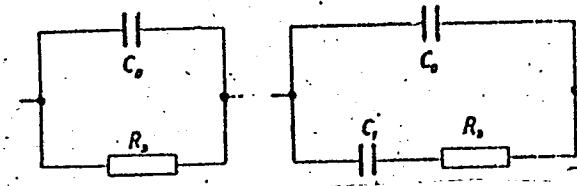
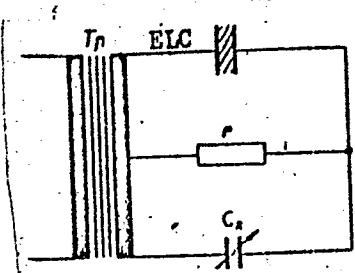


Fig. 1. Diagram of circuit for the compensation of the capacitive current through the electroluminescent capacitor (left) and simplest equivalent circuits of electroluminescent capacitor.

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ENCLOSURE: 02

O

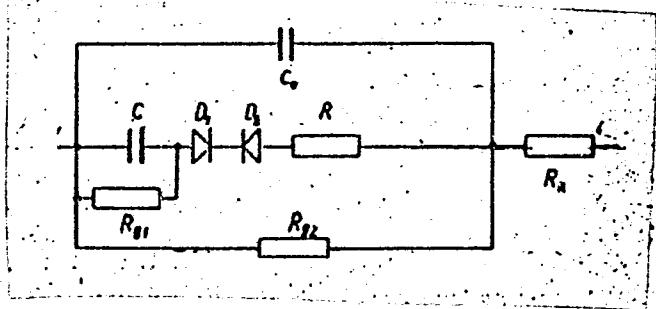


Fig. 2. Complete equivalent circuit of
electroluminescent capacitor.

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L 60411-65 EWT(1)/EWT(m)/EWP(t)/EWP(b) PI-4 IJP(c) JD

ACCESSION NR: AP5010390

UR/0368/65/002/003/0275/0277 33
535.376

AUTHORS: Vasili chenko, V. P.; Uybc, L. Ya.

TITLE: Electroluminescence of Zn phosphor excited by a slowly varying field under the action of additional electric pulses

SOURCE: Zhurnal prikladnoy spektroskopii, v. 2, no. 3, 1965,
275-277

TOPIC TAGS: luminor, zinc sulfide 11 21 optic material, electroluminescence, sounding pulse effect

ABSTRACT: The authors excited electroluminescence in the phosphor by applying a sawtooth voltage rising at a constant rate, making it possible to study in greater detail the individual phases of the electroluminescence process. The phosphor excited in this manner was studied by application of additional sounding pulses from either a square wave or an audio generator. The brightness waves were recorded with a photomultiplier (FEU-18), an amplifier, and an oscilloscope. The same oscilloscope was used to record the voltage curves. Typical

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L 60411-65

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ACCESSION NR: AP5010390

results are shown in Fig. 1 of the Enclosure. The sound pulses were chosen of such magnitude and duration that no electroluminescence was produced in the absence of the main exciting field. The results show that short pulses ($0.1 \mu\text{sec}$), which cause no electroluminescence in the absence of the exciting field, do exert a strong influence on the glow of the luminescent excited by the main field. It is assumed that these pulses do not affect the processes connected with the trapping levels, and act only on the free carriers (at the p-n junctions in the grains of the phosphor). Only preliminary results are reported in this note. A detailed description of the results and their interpretation will be presented in a following paper. The authors thank K.-S. K. Rebane and E. E. Tal'viste for a discussion of the results and for supplying the condenser samples. Original article has:
2 figures

ASSOCIATION: None

SUBMITTED: 24Aug64

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SUB CODE: OP

NR REF SOV: 002

OTHER: 000

Card 2/3

L 60411-65

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ENCLOSURE: 01

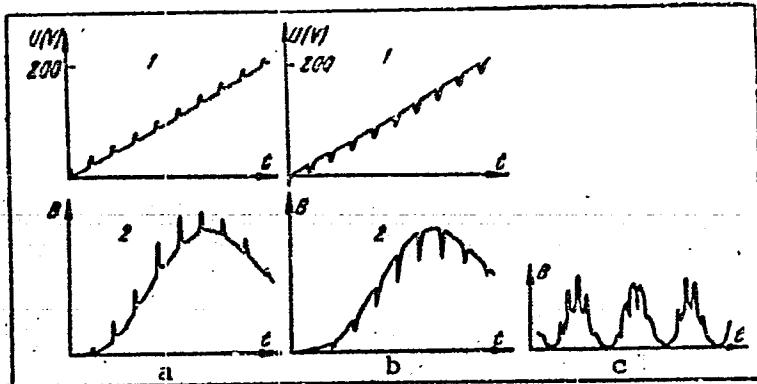


Fig. 1. Effect of short sounding pulses of like (a), and opposite (b) polarity with excited voltage on the electroluminescence yield (1 - voltage waveform, 2 - brightness waveform), and effect of short sounding pulses on the electroluminescence excited by a sinusoidal voltage (c).

Card

dm.
3/3

The specific gravities of aqueous solutions of dimethylamine of various concentrations. M. N. Ulyanov and O. M. Chernizov. *Antrofokrusschernov Prom.* 1931, No. 11/12, 301; *Chem. Zentr.* 1933, I, 380. M. G. Meier

Single heating under anaesthesia

Simula ballina and *shoemakeri*

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6"

UYEDINOVA, A.V.

~~Case of hepatolenticular degeneration. Pediatriniia, Moskva 36 no.8:
76-77 Ag '58.~~

(MIRA 12:1)

1. Iz Detskoj klinicheskoy bol'niцы No.1 Kurska (nauchnyy rukovoditel':
- dots. I.A. Bystritskiy, glavnyy vrach - zasluzhennyj vrach RSFSR I.G.
Favorskaya).
(HEPATOLENTICULAR DEGENERATION, case reports,
(Rus))

5(2, 3)

SOV/63-4-2-19/39

AUTHORS: Brudz', V.G., Uyedinova, N.A.

TITLE: The State of the Production of Chemical Reagents

PERIODICAL: Khimicheskaya nauka i promyshlennost', 1959, Vol 4, Nr 2,
pp 260-262 (USSR)

ABSTRACT: In the USSR about 90% of all chemical reagents are produced in specialized reagent plants. The production does not satisfy the demand, however. The assortment comprises 3,000 types, 1,000 of which are inorganic and 2,000 organic reagents. The assortment of foreign countries is many times larger. In Czechoslovakia reagents for cations and anions, complexometric indicators, etc of 2,000 different types are produced by "Chemapol". Biochemical preparations and complexes are made in Hungary. The insufficient production in the USSR is explained by a lack of production area. It is planned to increase the assortment to 20,000 - 25,000 reagents by 1965. The plant "Krasnyy khimik" will increase the production of sulfuric and hydrochloric acids, substances of high purity, etc. A large plant for organic and a plant for inorganic reagents will be erected. In the Volga Region a plant for the production of reagents for the aliphatic and aromatic series is planned. The scientific research in

Card 1/2

The State of the Production of Chemical Reagents

SOV/63-4-2-19/39

the field of reagents is insufficient. It is planned to build two new branches of the Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov (All-Union Scientific Research Institute of Chemical Reagents). At present more than 250 compounds and preparations with radioisotopes are available in the USSR.

There are 2 tables.

Card 2/2

L 60881-65

ACCESSION NR: AR5018408

UR/0081/65/000/015/1002/1012

SOURCE: Ref. zh. Khimiya, Abs. 11119

AUTHOR: Uyedinova, N. A.

TITLE: On the production of chemical agents and especially pure substances

CITED SOURCE: Vestn. tekhn. i ekon. inform. N.-i. in-t tekhn.-ekon. issled. Gos. kom-ta khim. prom-sti pri Gosplane SSSR, VYP. 9, 1964, 7-8

TOPIC TAGS: chemical agent, synthesis

TRANSLATION: In the next few years the assortment of chemical agents and highly pure substances is to be more than doubled. For rapid development of the production of chemical agents it is necessary to develop standard technological flow sheets which, upon being introduced, would make it possible to synthesize chemical reagents at the modern technical level; the modern technology of obtaining high-tonnage agents; standardized shops for the multi-item low-tonnage production of chemical agents; methods of rapid analysis and standardization of the quality of reagents, unified plans for the production of chemical reagents in the USSR and other

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L 60881-65

ACCESSION NR: AR5018408

countries which are members of the Socialist Economic Organization. A list is presented of foreign enterprises producing chemical reagents in a wide assortment.
N. Sh.

SUB CODE: GC

ENCL: 00

jhh
Card 2/2

BOKHOVKN, I.M.; PRIBYTKOVA, A.A.; UYEMLYANINA, L.S.

Physicochemical analysis of the ternary system carbamide-phenol -
monochloroacetic acid. Zhur.ob.khim. 32 no.9:2763-2766 S '62.
(MIRA 15:9)

1. Arkhangel'skiy lesotekhnicheskiy institut imeni V.V.

Kuybyshova.
(Urea) (Phenols) (Acetic acid)

BOKHOVKA, I.M.; BOKHOVKA, Yu.L., UZUMJANINA, L.S.

Physicochemical investigation of the ternary system carbamide - acetamide - monochloroacetic acid. Zhur. ob. khim. 34 no. 3: 1366-1369 My '64.

1. Arkhangelskij lesotekhnicheskiy institut.

UYEMOV, A. I.

"The Real Sense of Problems of Cybernetics and Their Distortion in Bourgeois Science," Uchenye zapiski Ivanovskogo Gosudarstvennogo pedagogicheskogo instituta, Scientific Records of the Ivanovo State Teachers Institute, Ivanovo, 1955, Vol. 8, Pages 166 - 199.

UYEMOV, A.I. (g.Ivanovo)

Developing the student's logical reasoning applied to problem
solution. Fiz. v shkole 16 no.2:37-43 Mr-Apr '56.(MLRA 9:6)
(Physics--Study and teaching) (Reasoning)

УЧЕБНИК. А.А.

PAGE I BACK

Учебник по математике
для высшей технической
школы. Учебное пособие
(калькуляторные методы
и вычислительные машины).
М.А. Гарифуллин. Учебное
издание Университета
Сибири им. академика
С.П. Тимирязева.
Издательство Университета
Сибири им. академика
С.П. Тимирязева. 1984 г.
Учебник по математике
для высшей технической
школы. Учебное пособие
(калькуляторные методы
и вычислительные машины).
М.А. Гарифуллин. Учебное
издание Университета
Сибири им. академика
С.П. Тимирязева. 1984 г.

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AVAILABLE: Library of Congress (GR302.F5)

Card 3/4

AC/MS/15
8-22-80

(P)

ROVENSKIY, Zinoviy Il'ich; UYEMOV, Avenir Ivanovich; UYEMOVA, Yekaterina Andreyevna; STRUKOV, E., red.; DANILINA, A., tekhn.red.

[Machine and human thought; philosophical essay on cybernetics]
Mashina i mysl'; filosofskii ocherk o kibernetike. Moskva, Gos.
izd-vo polit.lit-ry, 1960. 142 p. (MIRA 13:7)
(Cybernetics)

KUZNETSOV, I.V.; OVCHINNIKOV, N.F.; OMEL'YANOVSKIY, M.E.; UYEMOV, A.I.;
MELYUKHIN, S.T.; SACHKOV, Yu.V.; SVECHNIKOV, G.A.; NOVIK, I.B.,
red.izd-va; LAUT, V.G., tekhn.red.; MARKOVICH, S.B., tekhn.red.

[Principles of causality in modern physics] Problema prichinnosti
v sovremennoi fizike. Moskva, 1960. 428 p.

(MIRA 14:3)

1. Akademiya nauk SSSR. Institut filosofii.
(Physics--Philosophy)

UYEMOV, Avenir Ivanovich

[Problems and exercises on logic] Zadachi i uprazhneniya po logike. Moskva, Vysshaia shkola, 1961. 350 p.
(MIRA 15:10)
(Logic---Problems, exercises, etc.)

UYEMOVA, YE, ROVENSKIY, Z. and UYEMOV, A.

Mashina i mysl' (Filosofskiy ocherk o kibernetike) [Machine and Thought
(A Philosophical Essay on Cybernetics)], Gospolizdat [State Publishing
House for Political Literature], Moscow, 1960, 143 pages.

ROVENSKIY, Zinoviy Il'ich; UYEMOV, Avenir Ivanovich; UYEMOVA, Yekaterina Andreyevna; STHUKOV, E., red.; DANILINA, A., tekhn.red.

[Machine and human thought; philosophical essay on cybernetics]
Mashina i mysl'; filosofskii ocherk o kibernetike. Moskva, Gos.
izd-vo polit.lit-ry, 1960. 142 p.
(Cybernetics) (MIRA 13:?)

UYENO, I.

Effect of radiation on vitamin B₁ metabolism. Report No.3: An analysis of the effect of radiation on vitamin B₁ metabolism with the aid of a novocaine block and the vitamin B₁ loading test.
(MIRA 13:12)
Med.rad. 5 no.7:45-51 '60.
(RADIATION—PHYSIOLOGICAL EFFECT) (THIAMINE)

KLOAR, U.Dzh. [Clore, W.J.]; UYESTLEYK, U.Ye.; UOKER, Kennet S.;
BOSUELL, Viktor R. [Boswell, Victor R.]; TSEYDLER, V. [translator]

Residual effect of insecticides placed in soils on farm crops.
Agrobiologiya no.6:892-898 N-D '62. (MIRA 16:1)
(Plants, Effect of insecticides on)

UYETSKIY, M.I.

Shortcomings of the standards manual. Bum.prom. 29 no.6:32 Je '54.
(Standards, Engineering) (MLRA 7:8)

IVANYY, P.; KORZHINEK, I.; UYGEL'NOVA, M.; IVANYY, I.

Significance of the antiglobulin reaction in clinical and experimental immunohematology. Probl.gemat.i perel.krovi no.11:24-36
'62. (MIRA 15:11)

1. Iz oblastnoy stantsii perelivaniya krovi (zav. A. TSzambelova)
v g. Nirta i Instituta hematologii i perelivaniya krovi (dir. -
prof. Ya. Gorzheyshi) v Prague.
(IMMUNOHEMATOLOGY) (GAMMA GLOBULIN)

U/YK/H/UYA

HUNGARY/Physical Chemistry - Crystals.

D.

Abs Jour : Ref Zhur - Khimiya, No 12, 1958, 38808

Author : Uykheyi.

Inst :

Title : Processing of Single Crystals of Anthracene.

Orig Pub : Magyar fiz. folyoirat, 1957, No 1, 71-72

Abstract : A method is described for cutting crystals of anthracene (very fragile) into plates by the aid of a thread impregnated with toluene. The cutting is possible due to anthracene solvation, and is performed by a device which provides a mechanical replacement of the thread and the crystal.

The plates are polished by gluing them to a plexiglass disc by means of a gelatine solution, and after 8-12 hours, the plates are polished with a silk fabric which is impregnated with toluene and is attached to a glass plate.

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UVER D

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6

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CIA-RDP86-00513R001858310018-6"

ZHDANOV, G.P., inzh.; URYANOV, S.D., inzh.

Mechanization of the loading and unloading of silica
bricks. Moln. 1 avtom. proizv. 19 no. 5:14-15 May '65.
(KIRA 18:11)

SOV/124-58-8-9073

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 109 (USSR)

AUTHOR: Uymonen, S.D.

TITLE: On One Plane Problem of the Diffraction of a Transverse Elas-
tic Wave (Ob odnoy ploskoy zadache difraktsii uprugoy
poperechnoy volny)

PERIODICAL: Sb. nauchn. rabot stud. Petrozavodskogo un-ta, 1956, Nr 3,
pp 76-86

ABSTRACT: The problem of the diffraction of plane elastic waves with
respect to a rigidly fixed slit is examined. Using the method of
functionally invariant solutions, the author investigates condi-
tions more general than those investigated hitherto, namely,
conditions in which the angle of incidence of the wave front
exceeds the angle of the wave's total internal reflection and in
which the wave impinges obliquely with respect to the slit.

K.I. Ogurtsov

Card 1/1

UYNO, I.

Effect of radiation on vitamin B¹ metabolism. Part 1; Change
in the vitamin B¹ content of the blood and its excretion in
the urine. Med.rad. 5 no.3:27-31 '60. (MIRA 13:12)
(LIVER) (THIAMINE)

POLAND /Acoustics - General

J.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 15286

Author : Urzyczkowski, Roman

Inst :

Title : Sonic Agglomeration

Orig Pub : Zesz. nauk. Politechn. lodzkiej, 1958, № 20, 91-109

Abstract : The effective frequency of sonic agglomeration for spherical particles is defined by the author as the ratio of the relative speed of the particle in the acoustic field to its maximum possible value. The author has developed the dynamics of the particle and formulates and solves the equations of motion. Thus, a formula is found for the effective frequency, expressed in terms of the value of the ratio of the velocity, the density, and the viscosity of the medium as well as the density of the material of the particle.

Card 1/1

- 110 -

UYSKA, Ya. Ya. In Latvian

UYSKA, Ya. Ya. -- "Moisture Conditions in Meliorable Soils in the Latvian SSR." Latvian State U, 1948. In Latvian (Dissertation for the Degree of Candidate of Technical Science)

SO: Izvestiya Ak. Nauk Latviyskov. SSR. No. 9, Sept., 1955

UYSKA, Ya.Ye. [Uiska, J.], kand. tekhn. nauk (Riga)

Optimal depth for laying drainage pipes. Gidr. i mel. 17
no. 9:46-50 S '65. (MIRA 18:10)

YISOTSKAYA, A.V.

Cytological study of the oral mucous membrane in subjects using
nonremovable dental bridges. Trudy LSGMI 63:160-164 '60.
(MiiA 15:1)

(DENTAL PROSTHESIS) (MOUTH--MICROBIOLOGY)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6

UYTTENHOVEN, A.V. (Arkhangel'sk)

The Marposad effect. Priroda 44 no.5:112 My '55.
(Volga River--Waves) (MLRA 8:7)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6"

Name: UYVARI, ISHTVAN

Dissertation: The system of managing the roadway economy on the railroads of Hungary

Degree: Cand Tech Sci

Defended at
Affiliation: Min Transportation USSR, Leningrad Order of Lenin Inst of
Railroad Transport Engineers imeni Academician V. N.
Obraztsov

Publication
Defense Date, Place: 1956, Leningrad

Source: Knizhnaya Letopis', No 45, 1956

HARAGUS, St.; PATIU, I.; UZA, Gh.; VLAICU, R.; SCHIOPU, I.

Arterial pumping in therapy of chronic arterial obliterations in
the extremities and its theoretical significance. Rev. st. med.,
med. int., Bucur. 6 no.2:93-104 Apr-June 54.

1. Clinica 1-a medicala, IMT Cluj

(EXTREMITIES, blood supply
arterial obliteration, ther., arterial pumping, method
& results)

(THROMBOANGITIS OBLITERANS
extremities, ther., arterial pumping, method & results)

(ARTERIOSCLEROSIS, compl.
arterial obliteration of extremities, ther., arterial
pumping, method & results)

UZA G
MACAVEI, I.; UZA, G.

Rheumatism and rheumatic heart disease in the school environment.
Probl. reumat., Bucur. 4:233-242 1956.

(RHEUMATISM, in inf. & child
in school child. in Rumania, statist. & prev.)
(RHEUMATIC HEART DISEASE, in inf. & child
in school child. in Rumania, statist. & prev.)

MOGA, A., Academician; MACAVEI, I.; TANASESCU, R.; UZA, Gh.

Early diagnosis of rheumatism, Probl. reumat., Bucur. no.5:45-48 1958.

(RHEUMATIC FEVER, diagnosis

early diag.)

(ARTHRITIS RHEUMATOID, diagnosis

early diag.)

HARAGUS, St.; PAPILIAN, V.V.; ULA, G.; ROTTA, S.

Functional disorders and lesions of the liver in rheumatic disease. Probl. reumat., Bucur. no. 6:85-97 '59.
(RHEUMATISM, pathology)
(LIVER, pathology)

HARAGUS, St.; MORARIU, G.; UZA, G.; CAPILNA, St.

The influence of a diet rich in milk fats on serum lipids. Romanian
M Rev. no.3:20-23 Jl-S '60.

(LIPIDS blood) (DAIRY PRODUCTS nutrition & diet)
(LIPOPROTEINS blood)

HARAGUS,St.,dr.; MORARIU,G.,dr.; UZA,G.,dr.; CAPIINA,St.,chimist

Influence of a diet rich in milk fats on serum lipids. Med.
intern., Bucur. 11 no.5:719-726 '60.

1. Clinica I medicala Cluj, director: acad. Aurel Moga.

(LIPIDS,blood)

(MILK)

(FATS)

(DIET)

(CHOLESTEROL,blood)

ZAGREANU, I., dr.; UZA, G., dr.; BUTNARIU, dr.

Observations on the electrophonocardiographical aspects of acute renal insufficiency. Med. intern. 13 no.11:1499-1505 N '61.

1. Lucrare efectuata in Clinica I medicala, Cluj (director acad. A. Moga)

(ACUTE RENAL FAILURE complications)
(HEART DISEASES etiology)
(ELECTROCARDIOGRAPHY)
(PHONOCARDIOGRAPHY)

UZA, G., dr.; BUTNARU, M., dr.; MANASIA, M., dr.; ZEHAN, M., chim.

Considerations on the use of the artificial kidney (based on 100 cases of hemodialysis). Med. intern. 14 no.9:1131-1140 S '62.

1. Lucrare efectuata in Clinica I medicala, Cluj (director: acad. A.Moga).
(KIDNEY, ARTIFICIAL) (ACUTE RENAL FAILURE) (NEPHRITIS)
(TUBERCULOSIS, RENAL) (BARBITURATE TOXICOLOGY) (PREGNANCY COMPLICATIONS)

UZA, G., dr.; BUTNARU, M., dr.; PAPILIAN, V., dr.

Acute hyperazotemic nephritis. Med. intern. 15 no.7:871-874
Jl '63.

1. Lucrare efectuata in Clinica medicala nr. 1 din Cluj
(director: acad. A. Moga).
(NEPHRITIS) (NITROGEN)
(BLOOD CHEMICAL ANALYSIS)
(ACUTE RENAL FAILURE)

MOGA, A.; PITEA, P.; MISSITS, P.; UZA, Gh.; ZAHAN, M.; CUCUIANU, M.

The influence of salt-free diet and diuretic therapy on serum
lipids in arteriosclerosis. Stud. cercet. med. intern. 6 no.3:
269-277 '65.

UZAKOV, G. T.

UZAKOV, G.T.: "The stability of solutions of differential equations in linear normalized space with a small variation in the operator". Alma-Ata, 1955.
Kazakh State University S. M. Kirov. (Dissertations for the degree of Candidate
of Physicomathematical Sciences.)

SO: Knizhnaya Letopis' No. 50, 10 December 1955. Moscow

16,3400

35862
S/044/62/000/002/054/092
C111/C444

AUTHOR: Uzakov, G. T.

TITLE: The stability of the solutions of differential equations with a small parameter in linear normed spaces

PERIODICAL: Referativnyj zhurnal, Matematika, no. 2, 1962, 110, abstract 2B486. ("Uch. zap. Kazakhsk. gos. zhensk. ped. in-t", 1960, vyp. 3, 324-340)

TEXT: Considered is the operator equation

$$\frac{dx}{dt} = P(t, x, \lambda)$$

where x is the element of a Banach space, λ is a numerical parameter. A number of theorems is formulated, the proofs of which completely agree with the proofs of well-known theorems in the finite-dimensional case. The only difference is the very evident application of the theorem of K. P. Persidskiy on the spectrum of the characteristic numbers. There are no arguments for the application of the second method of Lyapunov, the notion of the complete derivative of an operator function not being defined.

[Abstracter's note: Complete translation.]

Card 1/1

f

UZAKOV, G.T.

Stability at first approximation. Izv. AN Kazakh. SSR. Ser.
mat. i mekh. no.10:79-85 '62. (MIRA 15:9)
(Approximate computation)

UZAKOV, Kh.

Relief and geology of fold basement in the Bukhara oil- and gas-bearing area. Uzb.geol.zhur. 7 no.5:65-72 '63. (MIRA 17:3)

1. Kompleksnaya geologos"yemochnaya poiskovaya ekspeditsiya Glavnogo upravleniya geologii i okhrany nedr pri Sovete Ministrov UzSSR.

UZAKOV, N.

Collective farms help the All-Union Volunteer Society for Assistance to the Army, Air Force and Navy to organize driver training courses. Za rul. 16 ne.12:2 D '58. (MIRA 12:1)

1. Sekretar' Komsomol'skogo raykoma Kommunisticheskoy partii Usbekistana, Samarkandskaya oblast'.
(Samarkand Province--Automobile drivers)

ROZZYEVA, T.R.; UZAKOV, O.

Stratigraphy, facies, and fauna of Lower and Middle Miocene
sediments in the western and central parts of the Kopet-Dag and
the Kopet-Dag trough region. Trudy Inst. geol. AN Turk. SSR 4:
5-48 '62. (MIRA 16:7)
(Kopet-Dag region--Geology, Stratigraphic)

UZAKOV, O.

Age of Miocene oyster beds in the southern part of the Krasno-
vodsk Peninsula. Izv. AN Turk.SSR. Ser. fiz.-tekhn., khim. i
geol. nauk no.2:94-98 '63. (MIRA 17:8)

1. Institut geologii AN Turkmeneskoy SSR.

DIKENSSTEYN, G.Kh.; KUTUZOVA, V.V.; MASHRYKOV, K.K.; BABAYEV, A.G.;
POL'STER, L.A.; YUFEREV, R.F.; SHISHOVA, A.I.; BAREYEV,
R.A.; MAKAROVA, L.N.; MURADOV, K.; PYANOVSKAYA, I.A.;
SEMOV, V.N.; SIROTINA, Ye.A.; TURKINA, I.S.; FEL'DMAN,
S.L.; KHON, A.V.; KUNITSKAYA, T.N.; GOLENKOVA, N.P.;
ROSHINA, V.M.; FARTUKOV, M.M.; SHCHUTSKAYA, Ye.K.;
ALTAYEVA, N.V.; BYKADOROV, V.A.; KOTOVA, M.S.; SMIRNOV,
L.N.; IERAGIMOV, M.S.; KRAVCHENKO, M.F.; MARKOVA, L.P.;
ROZZYEVA, T.R.; UZAKOV, O.; SLAVIN, P.S.; NIKITINA, Ye.A.;
MILOGRADOVA, M.V.; BARTASHEVICH, O.V.; STAROBINETS, I.S.;
KARIMOV, A.K.

[Splicing of the wires of overhead power transmission lines]
Soedinenie provodov vozdushnykh linii elektroperedachi. Mo-
skva, Energiia, 1964. 69 p. (Biblioteka elektromontera,
(MIRA 17:9)
no.132)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6

UZAKOV, O.

Stratigraphy of the Upper Miocene deposits of the Krasnovodsk Peninsula.
Izv. AN Turk. SSR. Ser. fiz.-tekhn., khim. i geol. nauk no.1:85-92 '65.
(MIRA 18:7)
1. Institut geologii Gosudarstvennogo geologicheskogo komiteta SSSR.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6"

UZAKOV, P.

Carbonate salinization (CaCO_3 and MgCO_3) and its distribution in
soils of the Zeravshan Valley. Pochvovedenie no.12:49-56 D '61.
(MIRA 16:8)

1. Sel'skokhozyaystvennyy institut im. V.V.Kuybysheva,
Samarkand.

(Zeravshan Valley—Saline and alkali soils) (Carbonates)

UZAKOV, U.Ya.

Intraspecific parasitism in ixodid ticks. Zool. zhur. 40 no.4:608-609
Ap '61. (MIRA 14:3)

1. All-Union Research Institute of Veterinary Sanitary (Moscow).
(Shakhrisyabz District—Ticks) (Cannibalism (Animals))

UZAKOV, U. Ya. (All-Union Scientific Research Institute of Veterinary Sanitation).

"Experimental control of Ixodes ticks"

Veterinariya, vol. 39, no. 9, September 1962, p. 68

UZAKOV, U.Ya., aspirant; MUTIN, M.I., aspirant

Effect of chlorophos on farm animals. Veterinariia 39 no.7:80-82 Jl '62.
(MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

UZAKOV, U.Ya., aspirant

Ixodid tick control. Veterinariia 39 no.9:68-70 S '62.
(MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii.

FILATOV, G.V., KARTASHOV, P.A., MUTIN, M.I., ZAKAMYRDIN, I.A., UZAKOV, U.YA.

"radiation in investigation of absorption and
out of organization of some insects."

(Approximate translation of title - documents blurred - unable to make out letters.)

Report submitted to the Symp. on the Use and Application of Radioisotopes and
Radiation in the Control of Plant and Animal Insect Pests.
Athens, Greece 22-26 April 1963

UZAKOV, Yu.K.

Transcendental derivatives of curve fields and surfaces. Trudy SAGU
no. 36:87-99 '53. (MLRA 10:3)
(Curves) (Surfaces)

UZAKOV, Yu.K.

~~Transversal derivatives of curve and surface fields. Trudy SAGU
no.37:153-162 '54 [i.e. '53]~~
(Curves) (Surfaces)

(MLRA 10:3)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6

UZAKOV, Yu.K., dots.

Seventieth birthday of Professor D.G. Grebeniuk. Sbor. nauch.-issl.
rab. TTI no.3:144-146 '56. (MIRA 11:9)
(Grebeniuk, Dmitrii Gavrilovich, 1885-)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6"

UZAKOV, Yu.K.

Building up integrodifferential equations permitting the application
of Lie's groups. Izv. AN Uz. SSR. Ser. fiz. -mat. nauk no.3:41-49
'58. (MIRA 11:10)

1. Tashkentskiy tekstil'nyy institut.
(Integral equations) (Groups, Theory of)

UZAKOV, Yu.K.

Second-order integrodifferential equations accessible for S. Lie
groups. Izv. AN Uz. SSR. Ser. fiz.-mat.nauk no.4;53-63 '58.
(MIRA 11:11)

1. Tashkentskiy tekstil'nyy institut.
(Integral equations)

80235
S/166/60/000/02/02/013

16.2200

AUTHOR: Uzakov, Yu.K.

TITLE: The Diminution of the Order of Ordinary Integro-Differential Equations Which Admit a Given Lie Group

PERIODICAL: Izvestiya Akademii nauk Uzbekskoy SSR, Seriya fiziko-matematicheskikh nauk, 1960, No.2, pp 10-20

TEXT: In the first part of the paper it is shown how an integro-differential equation

$$(1) \quad H(x, y(x), y'(x), \dots, y^{(n)}(x)) = \int_a^b K(x, y(x), y'(x), \dots, y^{(k)}(x), \xi, y(\xi), y'(\xi), \dots, y^{(1)}(\xi)) d\xi$$

can be constructed which admits a Lie group with the given infinitesimal operator

$$(2) \quad L \equiv u(x, y) \frac{\partial}{\partial x} + v(x, y) \frac{\partial}{\partial y}$$

((1) admits a group with the operator (2) if the functions H and $K d\xi$ are invariant with respect to the group). In the second part of the paper it

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The Diminution of the Order of Ordinary
Integro-Differential Equations Which Admit a
Given Lie Group

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is shown how under certain assumptions (1) can be brought to the form

$$H_1(X, Z, Z', \dots, Z^{(n-1)}) = \int_a^b K_1(X, Z, Z', \dots, Z^{(k-1)}, U, \zeta, \zeta', \dots, \zeta^{(l-1)}) dU,$$

$\zeta = \zeta(U).$

Two examples are given. The author mentions I.S.Arzhanykh. There are 3 Soviet references.

ASSOCIATION: Tashkentskiy tekstil'nyy institut (Tashkent Textile Institute)

SUBMITTED: January 16, 1959

Card 2/2

UZAKOV, Yu.K., dotsent

Transversal derivatives of the fields of curves and surfaces. Sbor.
nauch.-issl.rab. TTI no.9:3-16 '60. (MIRA 15:6)
(Kinematic geometry)

UZAKOV, Yu.K.

Structure of integrodifferential equations with ordinary derivatives,
which admit a given Lie group. Izv.vys.ucheb.zav.; mat. no.2:162-
169 '62. (MIRA 15:8)

1. Tashkentskiy tekstil'nyy institut.
(Integrodifferential equations) (Groups, Theory of)

UZAKOVA, M. KH.

"Comparative Botanical Study of Species of the Barberry Genus in the Vicinity of the City of Tashkent." Min Higher Education USSR, Central-Asiatic State U imeni V. I. Lenin, Tashkent, 1955.
(Dissertation for the Degree of Candidate in Biological Sciences)

SO: M-955, 16 Feb 56

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6

UZALAC, B.

Help after disasters from storms. p. 39. (REC R&D, Vol. 1, 1952.)

SO: Monthly List of East European Accessions. (EEA, IC, Vol. 4, No. 6, June 1955, Uncl.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858310018-6"

UZANOV, Todor, G., dr.

A cervical dilator for gynecologic use. Orv. hetil. 104 no.1:29
6 Ja '63.

1. Megyei Korhaz, Szmolen (Bolgar Nepkoztarsasag).
(GYNECOLOGY) (EQUIPMENT AND SUPPLIES)

UZAROWICZ, Andrzej, mgr inż.

Mechanization of toolmaking and plumbing-assembling operations
in the machine industry. Przegl techn 85 no.19:7 10 My'64.

POLAND / Organic Chemistry. Natural Compounds and Their G-3
Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1389.

Author : Zacharewicz, W., Uzarewicz, A.

Inst : Not given.

Title : The Oxidation of β -Pyronen With Selenium Dioxide.

Orig Pub: Roczn. chem., 1957, 31, No 2, 721-722.

Abstract: In the oxidation of 1 mole of β -pyronen with 0.5 moles of SeO_2 a bisulfite compound has been isolated, after the decomposition of which a compound was separated having a b. p. of 85-90°C./11 milliliters, $n^{20}D$ 1.4985, which does not reduce Tollen's reagent. Products which do not form a bisulfite compound were separated into fractions by distillation and a compound was separated having a b. p.

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POLAND / Organic Chemistry. Natural Compounds and G-3
Their Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1389.

Abstract: of 72-74°C./6 milliliters, n^{20}_D 1.5012, d^{20}_{20} 0.9006,
 $[\alpha]^{20}_D \neq 2^{\circ}\text{C}$, which upon acetylation with acetic
anhydride formed an ether having a camphor odor,
 n^{20}_D 1.4958. -- V. Szczycinski.

Card 2/2

UZAREWICZ, A.

POLAND / Organic Chemistry. Natural Substances and
Their Synthetic Analogues.

G

Abs Jour: Ref Zhur-Khimija, No 18, 1958, 61067.

Author : Witold Zacharewicz, Arkadiusz Uzarewicz.

Inst : -

Title : Oxidation of α -Pyronene with Selenium Dioxide.

Orig Pub: Roczn. chem., 1957, 31, No 2, 729-730.

Abstract: An unsaturated alcohol (I) of unestablished structure, boiling point 73 to 75°/7mm, $[\alpha]^{20}_D = +0.3$, $n^{20}_D = 1.5095$, $d_4^{20} = 0.9062$, was separated at the oxydation of α -pyronene with 0.5 mole of SeO_2 in alcohol. I produces phthalate with phthalic anhydride, melting point 172 to 173° (from $C_2H_4Cl_2$);

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POLAND / Organic Chemistry. Natural Substances and
Their Synthetic Analogues.

G

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61067.

Abstract: I benzoate, boiling point 116 to 120°/4 mm (dis-
sociates), $n^{16}D = 1.5396$; acetate, boiling point
74 to 75°/13 mm, $n^{15}D = 1.5162$, $d_{18}^{20} = 0.9127$.

Card 2/2

55

WZAREWICZ, ARKADIJUSZ

✓ The action of selenium dioxide on α -pyrrolene. Witold
Zacharewicz and Arkadiusz Wzarewicz [univ. Torun
Poland]. Roczniki Chem. 34, 413-22 (1960) (French sum-
mary).—1,2,3,4-Tetramethylbenzene (I) was obtained by
action of 166.5 g. SeO₂ on 408 g. α -pyronene in alc. Nitro-
pruhnitene (m. 128-31°) was prep'd. from I by Tohl's method
(Ber. 21 905 (1888)) and pruhnitile acid (m. 184.5-67°) by
Jacobson's method (Ber. 19, 1214 (1886)). I was oxidized
by heating 4 days with 3% aq. KMnO₄ soln., filtered, con-
densed to 150 ml., acidified with H₂SO₄, and the soln. extd.
with Et₂O to give mellophanic acid, m. 235-8°.

4
1-JAJ(NB)
1-RDW

UZAREWICZ, Arkadiusz; ZACHAREWICZ, Witold

On the degradation of selenium compounds of β -pyronene. Roczn. chemii
35 no. 4: 887-894 '61.

1. Katedra Chemii Organicznej, Uniwersytet M. Kopernika, Torun.

ZACHAREWICZ, Witold; UZAREWICZ, Arkadiusz; SEKUTOWICZ, Bozena

On the action of diborane on trans-verbenol. Rocznik chemii 36
no.1:171-172 '62.

1. Katedra Chemii Organicznej, Uniwersytet M. Kopernika, Torun.

UZAROWICZ, Ludwik, prof.

On the activities of the Council for the Management with Durable
Means of the Chief Technical Organization. Przegl techn no.16:4
Ap '62.

S/081/62/000/021/013/069
B156/B101

AUTHORS: Zacharewicz, Witold, Uzarewicz, Arkadiusz, Zaidlewicz, Marek
TITLE: The hydroboration and oxidation of 1,3-dimethyl-1-ethyl-cyclohexa-3,5-diene
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1962, 140, abstract
21Zh92 (Roczn. chem., v. 36, no. 2, 1962, 367 - 368 [Pol.]
summary in French])

TEXT: A new unsaturated $C_{10}H_{18}O$ alcohol of unknown structure has been produced by the action of B_2H_6 on 1,3-dimethyl-1-ethyl-cyclohexa-3,5-diene (I) followed by oxidation. Over a period of 4 hours, 2.35 g of B_2H_6 are passed through 0.5 moles I dissolved in 200 ml of ether, in N_2 atmosphere (at 0°C). The ether is distilled off in vacuo, 30 ml water, and then a mixture of 70 ml 30% H_2O_2 and 60 ml of 5 N NaOH are added; $C_{10}H_{18}O$ is extracted from the reaction mixture with ether; its boiling point is

Card 1/2

The hydroboration and oxidation...

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B156/B101

97 - 99°C/8 mm Hg, n_D^{20} 1.4783, d_4^{24} 0.9924. The corresponding carbonyl compound was produced by the action of H_2CrO_4 on $C_{10}H_{18}O$; its 2,4-dinitro-phenyl hydrazone has the melting point 130 - 131°C. [Abstracter's note: Complete translation.]

Card 2/2

UZAREWICZ, Arkadiusz

Hydratation of β -pyronene by the Brown method.
Rocznik chemii 36 no.2:369-370 '62.

1. Katedra Chemii Organicznej, Uniwersytet im. M. Kopernika,
Toruń.

UZALEMICK, Arkadiusz

Bromination of propanoate by N-bromoformamide. *Polymer* 1977
no.12:1637-1640 163.

I. Department of Organic Chemistry, N. Copernicus University,
Torun.

L 41812-66

ACC NR: AP6031696

(N)

SOURCE CODE: P0/OC99/66/040/003/0437/0443

17

B

AUTHOR: Zaidlewicz, Marek; Uzarewicz, Arkadiusz; Zacharewicz, WitoldORG: Department of Organic Chemistry, N. Copernicus University, Torun (Katedra Chemii
Organicznej Uniwersytetu M. Kopernika)

TITLE: Action of selenium dioxide on 1,3-dimethyl-1-ethyl-cyclohexadiene-3,5

SOURCE: Roczniki chemii-annales societatis chimicae polonorum, v. 40, no. 3, 1966,
437-443

TOPIC TAGS: selenium compound, organoselenium compound

ABSTRACT: The action of selenium dioxide on 1,3-dimethyl-1-ethylcyclohexadiene-3,5
yields two products: (1) the mixture of 1,3-dimethyl-2-ethyl-benzene, and (2)
selenoorganic compounds. Orig. art. has: 1 table. [Based on authors' Eng. abst.]
[JPRS: 36,002]

SUB CODE: 07 / SUBM DATE: 02Aug65 / ORIG REF: 002 / OTH REF: 010

Card 1/1 af

0919

0296

KAWSKI, A.; UZAREWICZ, I.

The electronic spectra of 4-methyl-7-oxycoumarin in various
alcohols. Bul Ac Pol mat 11 no. 9:625-628 '63.

1. Lehrstuhl fur Physik, Padagogische Hochschule, Gdansk und
Lehrstuhl fur Organische Chemie, M. Kopernik Universitat,
Torun. Vorgelegt von A. Jablonski.

UZAROWICZ, A.

Mechanization of manual work in the production and repair of automobiles. Pt. 1.
(To be contd.) p. 147. (TECHNIKA MOTORYZACYJNA, Vol. 4, No. 5, May 1954,
Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec.
1954, Unclassified.

UZAROWICZ, A.

Mechanization of manual work in the production and repair of automobiles. Pt. 2.
(Conclusion) p. 179. (TECHNIKA MOTORYZACYJNA, Vol. 4, No. 6, June 1954, Warszawa,
Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec.
1954, Uncl.

UZAROWICZ, L.

Development of gear manufacturing processes in the USSR. p.120
MECHANIK. (Stowarzyszenie Inżynierów i Techników Mechaników Polskich)
Warszawa, Poland, Vol.3 2, no.3, March 1959

Monthly list of East European Accessions Index, (EEAI), LC, Vol.8, no.6
June 1959
Uncl.

UZROWICZ, L.

The H. Wawelberg and S. Rotwand Higher Technical School in Warsaw. p. 187.
The H. Wawelberg and S. Rotwand Higher Technical School in Warsaw. p. 187.

MECHANIKI. (Stowarzyszenie Inżynierów i Techników Mechaników Polskich)
Warszawa, Poland. Vol. 32, no. 4, April 1959.

Monthly List of European Accessions (EEAI) LC, Vol. 8, no. 8
August 1959.

Uncl.

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CIA-RDP86-00513R001858310018-6

UZAROWICZ, Ludwik, prof.

Remarks on the education of graduate engineers.
Przegl techn 79 no.13:578-580 Je '58.

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CIA-RDP86-00513R001858310018-6"